

Operation MANUAL

1,500 Watt Professional Heat Gun

Prod. No. 380001 Mod. No. JHG-600K





Please read this instruction manual before using your new power tool.

1. Application

Your heat gun has been designed for stripping paint, soldering pipes, shrinking PVC, welding and bending plastic as well as general drying and thawing purposes.

WARNING! Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.

2. Description

1. Nozzle
2. Ventilation slots
3. Temperature adjust knob
4. On/off switch (0 / I / II)

3. Package Content List

- Remove all packing materials.
- Remove remaining packaging and transit supports (if existing).
- Check the completeness of the packing content.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.



WARNING! Packing materials are not toys. Keep plastic bags out of reach of children.

- 1 Heat gun
- 1 Set of accessories
- 1 Instruction manual



Contact your dealer if parts are missing or damaged.

4. General Power Tool Safety Warnings

Read all safety warnings and all instructions. Failure to follow all warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

4.1 Work Area

- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool.

4.2 Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.
- Do not expose power tools to rain or wet conditions.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use.
- If operating a power tool on a damp location is unavoidable, use a ground fault circuit interrupter (GFCI). Use of a GCFI reduces the risk of electric shock.

4.3 Power Tool Use and Care

- Do not use the power tool if the switch does not turn it on and off.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- Store idle power tool out of the reach children and do not allow persons unfamiliar with the power tool of these instructions to operate the power tool.
- Maintain power tools. Check for misalignment or sticking of moving parts, breakage of parts and other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.

4.4 Service

- Have your power tool serviced by qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

5. Additional Safety Instructions for Heat Guns

- Do not place your hand over the air vents or block the vents in any way.
- The nozzle and accessories of this tool become extremely hot during use. Let these parts cool down before touching.
- Always switch the tool off before putting it down.
- Do not leave the tool unattended while it is switched on.
- Heat may be conducted to combustible materials that are out of sight. Do not use in a damp atmosphere, where flammable gases may be present or near combustible materials.
- Allow the tool to cool fully before storing.
- Ensure adequate ventilation as toxic fumes may be produced.
- Do not use as a hairdryer.
- Do not obstruct either the air intake or nozzle outlet, as this may cause excessive heat build up resulting in damage to the tool.
- Do not direct the hot air blast at other people.
- Do not touch the metal nozzle as it becomes very hot during use and remains hot for up to 30 minutes after use.
- Do not place the nozzle against anything while using or immediately after use.
- Do not poke anything down the nozzle as it could give you an electric shock. Do not look down the nozzle while the unit is working.
- Do not allow paint to adhere to the nozzle or scraper as it could ignite



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6. Applications and Accessories

The air speed and temperature can be adjusted to suit a wide range of applications. The table below suggests settings for different applications. Select setting I or II, then dial up the temperature to achieve the desired results.

6.1 Applications Chart

I

- Drying paint, varnish color shade samples, filler, adhesives, construction joints and stucco forms
- Drying wet timber prior to filling
- Removing stickers
- Joining adhesives, large-surface gluing with contact adhesives, activation of pressure-sensitive adhesives, acceleration of bonding processes, releasing of bonding points as well as releasing or bonding of edge band or veneer.
- Waxing and de-waxing
- Shrinking PVC wrapping and insulation tubes
- Defrosting of icy stairs and steps, door locks, trunk lids, car doors or water pipes, as well as for defrosting refrigerators and ice boxes






II

- Welding of thermoplastic polymer, flooring materials of PVC and linoleum, PVC-coated fabric, tarpaulins and foils
- Bending plastic pipes and sheets
- Soldering plumbing joints, tin, special silver solder, SMD elements, cable lugs
- Loosening rusted or tightly fastened nuts and bolts
- Removing old and even thick coatings of oil paint, lacquer, varnish and synthetic plaster
- Disinfection - With hot air of 600 °C, you can quickly rid animal sties/stables of bacteria. Woodworm infestation can be controlled (Caution: Danger of fire! Do not heat up the wooden surface excessively).



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6.2 Mounting the Correct Accessory

• Icon	• Description	• Purpose
	• Glass protection nozzle	• Protection of windows when stripping frames
	• Spoon reflector nozzle	• Soldering pipes
	• Cone nozzle	• Welding, shrink tubing (heat concentrated over small area)
	• Fish tail surface nozzle	• Drying, thawing (heat spread over wider area)
	• Scraper	• Stripping paint and varnish



- Make sure that the tool is switched off and the nozzle has cooled down.
- Nozzles must be mounted firmly and securely on the unit.
- Touching a hot nozzle can lead to serious burns. Before attaching or replacing a nozzle, allow the unit to cool down completely.
- A hot nozzle can set a surface on fire. Place down hot nozzles only on fire-proof surfaces.
- An incorrect or defective nozzle can lead to heat accumulation and damage the unit. Use only original nozzles according to the table that are suitable for your unit.

7. Instructions for Use

- Always observe the safety instructions and applicable regulations.
- Use only one hand to hold the tool, do not place your other hand over the air vents
- Prior to operation:
- Mount the correct accessory for the application.
- Set the desired air temperature.

7.1 Switching On and Off

- To switch the tool on, set the on/off switch to position I or II. A small amount of smoke may be emitted after switching on; this does not indicate a problem.
- To switch the tool off, adjust to the lowest temperature to cool off, then set the on/off switch to position 0. Let the tool cool down before moving or storing it.

7.2 Temperature Setting

- Turn ON/OFF switch to I or II, depending on temperature you need. Increase or decrease the outlet temperature gradually by turning the adjust knob.
- Turn counter-clock wise to increase, clock wise to decrease the temperature.

7.3 Stripping Paint

- Mount an appropriate accessory.
 - Set a high air temperature.
 - Switch the tool on.
 - Direct the hot air onto the paint to be removed.
 - When the paint softens, scrape the paint away using a hand scraper.
- a) "Hidden areas such as behind walls, ceilings, floors, soffit boards and other panels may contain flammable materials that could be ignited by the heat gun when working in these locations. The ignition of these materials may not be readily apparent and could result in property damage and injury to persons.
- When working in these locations, keep the heat gun moving in a back-and-forth motion. Lingering or pausing in one spot could ignite the panel or the material behind it."

IMPORTANT SAFETY INSTRUCTIONS. READ THESE INSTRUCTIONS

WARNING: Extreme care should be taken when stripping paint. The peelings, residue and vapors of paint may contain lead, which is poisonous. Any pre-1977 paint may contain lead and paint applied to homes prior to 1950 is likely to contain lead. Once deposited on surfaces, hand to mouth contact can result in the ingestion of lead. Exposure to even low levels of lead can cause irreversible brain and nervous system damage; young and unborn children are particularly vulnerable.

Before beginning any paint removal process you should determine whether the paint you are removing contains lead. This can be done by your local health department or by a professional who uses a paint analyzer to check the lead content of the paint to be removed. **LEAD-BASED PAINT SHOULD ONLY BE REMOVED BY A PROFESSIONAL AND SHOULD NOT BE REMOVED USING A HEAT GUN.**

Persons removing paint should follow these guidelines:

- 1) Move the work piece outdoors. If this is not possible, keep the work area well ventilated. Open the windows and put an exhaust fan in one of them. Be sure the fan is moving the air from inside to outside.
- 2) Remove or cover any carpets, rugs, furniture, clothing, cooking utensils and air ducts.
- 3) Place drop cloths in the work area to catch any paint chips or peelings. Wear protective clothing such as extra work shirts, overalls and hats.
- 4) Work in one room at a time. Furnishings should be removed or placed in the center of the room and covered. Work areas should be sealed off from the rest of the dwelling by sealing doorways with drop cloths.
- 5) Children, pregnant or potentially pregnant women and nursing mothers should not be present in the work area until the work is done and all clean up is complete.
- 6) Wear a dust respirator mask or a dual filter (dust and fume) respirator mask which has been approved by the Occupational Safety and Health Administration (OSHA), the National Institute of Safety and Health (NIOSH), or the United States Bureau of Mines. These masks and replaceable filters are readily available at major hardware stores. Be sure the mask fits. Beards and facial hair may keep masks from sealing properly. Change filters often. **DISPOSABLE PAPER MASKS ARE NOT ADEQUATE.**
- 7) Use caution when operating the heat gun.. Keep the heat gun moving as excessive heat will generate fumes which can be inhaled by the operator.
- 8) Keep food and drink out of the work area. Wash hands, arms and face and rinse mouth before eating or drinking. Do not smoke or chew gum or tobacco in the work area.
- 9) Clean up all removed paint and dust by wet mopping the floors. Use a wet cloth to clean all walls, sills and any other surface where paint or dust is clinging. **DO NOT SWEEP, DRY DUST OR VACUUM.** Use a high phosphate detergent or trisodium phosphate (TSP) to wash and mop areas.
- 10) At the end of each work session put the paint chips and debris in a double plastic bag, close it with tape or twist ties and dispose of properly.
- 11) Remove protective clothing and work shoes in the work area to avoid carrying dust into the rest of the dwelling. Wash work clothes separately. Wipe shoes off with a wet rag that is then washed with the work clothes. Wash hair and body thoroughly with soap and water.



Do not strip metal window frames, as the heat may be conducted onto the glass and crack it. When stripping other window frames, use the glass protection nozzle.

Do not keep the tool directed at one spot too long to prevent igniting the surface.

Avoid collecting paint on the scraper accessory, as it may ignite. If necessary, carefully remove paint debris from the scraper accessory using a knife.

Do not use this tool to remove paint containing lead. The peelings, residue and vapors of paint may contain lead, which is poisonous. Any pre-1960 building may have been painted in the past with paint containing lead and covered with additional layers of paint.

7.4 Stationary Use

This tool can also be used in stationary mode.

- Place the tool onto the workbench.
- Secure the cable to prevent pulling the tool off the workbench.
- Carefully switch the tool on.



Make sure that the nozzle always points away from you and any bystanders.

Make sure not to drop anything into the nozzle.

7.5 Cooling Down

The nozzle and accessory become very hot during use. Let them cool down before attempting to move or store the tool.

- Switch the tool off and allow to cool for at least 30 minutes.
- To reduce cooling time, set tool at lowest temperature and air settings and allow to run for a few minutes before switching off.

8. Maintenance and Cleaning



Attention! Before performing any work on the equipment, disconnect the power plug.

8.1 Maintenance

Your power tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

8.2 Lubrication

Your power tool requires no additional lubrication.

8.3 Cleaning

- Keep the ventilation slots of the machine clean to prevent overheating of the motor.
- Regularly clean the machine housing with a soft cloth, preferably after each use.
- Keep the ventilation slots free from dust and dirt.
- If the dirt does not come off use a soft cloth moistened with soapy water.



Never use solvents such as gasoline, alcohol, ammonia, etc. These solvents may damage the plastic parts.

9. Technical Data

• Voltage	• 120 V ~ 60Hz
• Power supply	• 1,500 W
• Air temperature / Flow	• I. 50-450°C: 300L/min • II. 90-600°C; 500L/min

10. Environment

- Should your appliance need replacement after extended use, do not discard it with the household rubbish but dispose of it in an environmentally safe way.
- Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

11. Warranty

- Your heat gun carries a one year limited warranty. Contact your dealer or visit our website for claim instructions.